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Document ID: EP 0 703 534 A1

Title: COMPUTER MEMORY MANAGEMENT SYSTEM

Assignee: Siemens Aktiengesellschaft

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Abstract:

Computer memory management system The memory management system uses a
management structure(RIT) allowing the free memory capacity to be managed in blocks.
The management structure is provided as a static tree structure with the memory blocks
arranged at the leaf nodes. Pref. the free memory capacity is divided into blocks of fixed
length, with statically defined block lengths, each block of given length positioned at a leaf
node. The tree structure can be divided into hierarchy planes, with the lowest hierarchy
plane divided into discrete block lengths.